

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040821\
 Data File : VN066530.D
 Acq On : 8 Apr 2021 10:34
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/9/2021 1:53:15 PM

Quant Time: Apr 09 04:30:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 06 15:38:34 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.582	168	310863	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.513	114	465127	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	446978	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	217560	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.947	65	197634	48.28	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.56%		
35) Dibromofluoromethane	7.501	113	151336	47.74	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.48%		
50) Toluene-d8	10.028	98	597587	49.61	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.22%		
62) 4-Bromofluorobenzene	12.345	95	202531	51.85	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.70%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.818	85	188766	53.73	ug/l	100
3) Chloromethane	2.017	50	221746	48.21	ug/l	100
4) Vinyl Chloride	2.146	62	247497	47.80	ug/l	98
5) Bromomethane	2.500	94	172818	45.85	ug/l	95
6) Chloroethane	2.642	64	163141	48.12	ug/l	99
7) Trichlorofluoromethane	2.955	101	328387	48.26	ug/l	100
8) Diethyl Ether	3.339	74	92395	49.68	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.680	101	148276	51.21	ug/l	99
10) Methyl Iodide	3.867	142	213235	50.47	ug/l	99
11) Tert butyl alcohol	4.683	59	146716	222.10	ug/l #	83
12) 1,1-Dichloroethene	3.658	96	140395	48.59	ug/l	95
13) Acrolein	3.527	56	78176	218.84	ug/l	98
14) Allyl chloride	4.229	41	233731	47.90	ug/l	90
15) Acrylonitrile	4.873	53	438566	234.23	ug/l	99
16) Acetone	3.733	43	463045	269.85	ug/l	97
17) Carbon Disulfide	3.967	76	432806	46.41	ug/l	99
18) Methyl Acetate	4.229	43	196022	45.67	ug/l	98
19) Methyl tert-butyl Ether	4.932	73	515186	50.71	ug/l	99
20) Methylene Chloride	4.452	84	177588	48.21	ug/l	96
21) trans-1,2-Dichloroethene	4.935	96	161928	48.39	ug/l	97
22) Diisopropyl ether	5.849	45	595537	53.93	ug/l	99
23) Vinyl Acetate	5.788	43	2546190	264.26	ug/l	99
24) 1,1-Dichloroethane	5.742	63	319620	50.96	ug/l	99
25) 2-Butanone	6.732	43	640597	248.83	ug/l	98
26) 2,2-Dichloropropane	6.724	77	278491	52.07	ug/l	99
27) cis-1,2-Dichloroethene	6.732	96	191728	49.98	ug/l	99
28) Bromochloromethane	7.099	49	155947	48.01	ug/l	94
29) Tetrahydrofuran	7.115	42	400419	231.80	ug/l	100
30) Chloroform	7.279	83	321195	50.81	ug/l	99
31) Cyclohexane	7.568	56	279608	49.66	ug/l	94
32) 1,1,1-Trichloroethane	7.485	97	271956	49.71	ug/l	99
36) 1,1-Dichloropropene	7.711	75	232164	51.37	ug/l	99
37) Ethyl Acetate	6.831	43	258831	46.27	ug/l	99
38) Carbon Tetrachloride	7.692	117	230131	50.24	ug/l	99
39) Methylcyclohexane	9.011	83	273176	52.83	ug/l	98
40) Benzene	7.960	78	743986	52.57	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.088	41	126465m	46.76	ug/l	
42) 1,2-Dichloroethane	8.043	62	254721	51.50	ug/l	100
43) Isopropyl Acetate	8.086	43	431175	49.78	ug/l	99
44) Trichloroethene	8.765	130	173510	47.60	ug/l	97
45) 1,2-Dichloropropane	9.049	63	200812	53.29	ug/l	96
46) Dibromomethane	9.140	93	126810	51.58	ug/l	97
47) Bromodichloromethane	9.333	83	257165	50.99	ug/l	98
48) Methyl methacrylate	9.132	41	193241	50.25	ug/l	96
49) 1,4-Dioxane	9.129	88	56016	1073.70	ug/l	99
51) 4-Methyl-2-Pentanone	9.918	43	1285009	249.75	ug/l	100
52) Toluene	10.092	92	459123	53.52	ug/l	100
53) t-1,3-Dichloropropene	10.320	75	280008	53.26	ug/l	97
54) cis-1,3-Dichloropropene	9.773	75	305781	53.02	ug/l	96
55) 1,1,2-Trichloroethane	10.500	97	179830	51.00	ug/l	97
56) Ethyl methacrylate	10.368	69	258975	45.69	ug/l	98
57) 1,3-Dichloropropane	10.645	76	306037	52.73	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.631	63	212508	291.88	ug/l	98
59) 2-Hexanone	10.690	43	916534	222.89	ug/l	100
60) Dibromochloromethane	10.840	129	199375	51.09	ug/l	99
61) 1,2-Dibromoethane	10.945	107	185631	50.92	ug/l	99
64) Tetrachloroethene	10.570	164	162395	43.25	ug/l	99
65) Chlorobenzene	11.374	112	466788	50.10	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.449	131	178828	50.63	ug/l	99
67) Ethyl Benzene	11.452	91	852397	53.14	ug/l	99
68) m/p-Xylenes	11.562	106	658282	110.08	ug/l	100
69) o-Xylene	11.889	106	308615	53.07	ug/l	99
70) Styrene	11.908	104	512179	48.02	ug/l	99
71) Bromoform	12.072	173	144705	50.80	ug/l #	99
73) Isopropylbenzene	12.192	105	833265	52.76	ug/l	100
74) N-amyl acetate	12.018	43	214618	42.68	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.447	83	275699	46.86	ug/l	94
76) 1,2,3-Trichloropropane	12.495	75	240568m	49.02	ug/l	
77) Bromobenzene	12.468	156	206410	49.31	ug/l	99
78) n-propylbenzene	12.535	91	962010	54.35	ug/l	99
79) 2-Chlorotoluene	12.616	91	560301	52.11	ug/l	99
80) 1,3,5-Trimethylbenzene	12.678	105	696641	53.22	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.243	75	83488	48.59	ug/l	96
82) 4-Chlorotoluene	12.718	91	579793	54.60	ug/l	100
83) tert-Butylbenzene	12.935	119	586018	49.50	ug/l	99
84) 1,2,4-Trimethylbenzene	12.983	105	681735	53.81	ug/l	99
85) sec-Butylbenzene	13.115	105	793246	53.63	ug/l	99
86) p-Isopropyltoluene	13.233	119	702203	55.31	ug/l	99
87) 1,3-Dichlorobenzene	13.225	146	358389	49.91	ug/l	100
88) 1,4-Dichlorobenzene	13.305	146	368652	50.16	ug/l	98
89) n-Butylbenzene	13.557	91	599350	52.52	ug/l	99
90) Hexachloroethane	13.815	117	134070	50.55	ug/l	96
91) 1,2-Dichlorobenzene	13.598	146	350421	49.35	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.230	75	45422	41.10	ug/l	97
93) 1,2,4-Trichlorobenzene	14.979	180	197220	44.89	ug/l	97
94) Hexachlorobutadiene	15.108	225	114494	46.34	ug/l	98
95) Naphthalene	15.263	128	504283	39.99	ug/l	100
96) 1,2,3-Trichlorobenzene	15.502	180	185286	43.30	ug/l	99

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

